AMENDMENT TO THE SPECIFICATION

Please substitute the paragraph beginning at page 5, line 18 and ending at page 6, line 4 to read as follows:

-- If there is a deviation in the throughputs of the process A and the process B, it is necessary to complete both the processes A and B within one frame period T as shown in FIG. 3 unless the process A and the process B are made parallel ~~as shown in FIG. 3~~. FIG. 4 shows a flow of the processing in the case where parallel processing is employed when the processing amount of the process A is double the processing amount of the process B. In this case, first, the process A [1] is performed for the input frame signal [1] in the processing device A, taking the period T, as shown in FIG. 4. In the next frame period, the process A [2] is performed for the input frame signal [2] in the processing device A, taking the period T. In this frame period, the process B [1] is performed for the signal which exists after the process A [1] is finished in the processing device B, taking the period T/2. --